Before The FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

In the Matter of)	
)	
Advanced Television Systems)	MB Dkt. No. 87-268
and Their Impact upon the)	
Existing Television Broadcast)	
Service)	

To: The Secretary, FCC

COMMENTS OF KUHT ON FINAL DTV TABLE AND SEVENTH FURTHER NOTICE OF PROPOSED RULEMAKING

The University of Houston System, licensee of noncommercial educational Station KUHT(TV), Houston, Texas ("KUHT"), by its attorneys and pursuant to the Commission's Rules, submits these comments in the above-referenced rulemaking proceeding to amend Section 73.622 of the Rules and establish a final DTV Table of Allotments. KUHT believes that the power level specified for Station KUHT in the proposed Table is inadequate, and, if that power level is not increased, noncommercial educational TV service in the Houston market, viewer enjoyment of that service and the corresponding public interest benefits of that service will suffer great harm. Moreover, the antenna azimuth pattern for KUHT requires correction.

Station KUHT was the nation's first noncommercial educational television station. The University has operated station KUHT on Channel *8 at Houston since May of 1953, providing high quality educational, informational and cultural programming, including children's programming, to the Houston metropolitan area. By necessity, as a noncommercial educational licensee and a public institution of higher education, the University must be a careful steward of its resources, even while it seeks to offer leadership in the public broadcasting system. The

University has extended its leadership into the digital television era and initiated the early, innovative activation of its DTV facilities.

In the *Sixth Further Notice of Proposed Rule Making* in docket FCC 96-317 (released August 14, 1996), the FCC and the Broadcasters Caucus proposed allocation of Channel *9 for KUHT, although the Broadcasters Caucus suggested parameters of 20.9 kw with HAAT of 565 m. Inexplicably, however, in the *Sixth R&O*, the Commission allocated Channel *53 for KUHT instead of Channel *9. Inquiries to FCC staff indicated that the computer program utilized by the Commission suggested that Channel *9 should be allocated to KUHT, but that a manual adjustment was made due to concern over possible interference to NTSC Station KTRE operating on Channel 9 at Lufkin, Texas, 215 km from KUHT's transmission facilities.

Thus, as explained in the attached Engineering Statement of Kessler and Gehman Associates, Inc., KUHT sought reconsideration of the *Sixth R&O* to substitute Channel *9 for its out-of-core DTV allotment of Channel *53, recognizing that, during transition, there might be power limitations on use of Channel *9 based on protection of NTSC operations of KTRE-TV, NTSC Channel 9, Lufkin, Texas. KUHT always intended, however, to return to its NTSC Channel *8 for post-transition operations and the FCC understood that the power limitations were to apply only "during the transition".

Thus, as far back as 1997 and 1998, as part of the original DTV allotment process – and well before the channel election process was determined-- KUHT sought a power level of 20.9 kw for its operations on Channel *9. The Commission itself even noted, in Paragraphs 301 and 302 of the *Sixth Report and Order*, that KUHT had requested 20.9 kw, but that due to the need to protect KTRE-TV, KUHT was willing to accept **temporary** limitation on its power level "during"

the transition". See Paragraph 301 of the *Sixth Report and Order*. Thus, KUHT reasonably believed that, when the time came for the final DTV Table to be established, that KUHT would be allotted the higher power level of 20.9 kw for its long term post-transition operations. The appropriate excerpt from the *Sixth Report and Order* is as follows:

301. The University of Houston System Petition and Supplemental Filings. The University of Houston System (UHS) requests that the DTV allotment provided for its noncommercial educational station KUHT-TV in Houston, Texas, be changed from channel 53 to channel 9. KUHT-TV currently provides NTSC service on channel 8. UHS states that requiring KUHT-TV to use channel 53 for DTV service, rather than channel 9 as proposed in the Sixth Further Notice, would result in substantial and unnecessary hardship for the station. UHS notes that there is a concern that operation of KUHT's DTV service on channel 9 could possibly result in interference to the NTSC service of KTRE-TV operating on channel 9 at Lufkin, Texas, 215 km away. UHS states that it would accept limitations in its power during the transition, to avoid any possibility of interference to KTRE-TV. However, it believes that operation of KUHT-TV's DTV service on channel 9 at the 20.9 kW power level proposed by the Broadcasters' Caucus would be possible without interference to KTRE-TV or any other NTSC or DTV stations. In a supplement to its petition, UHS submits that an engineering study indicates that KUHT-TV could operate on channel 9 with ERP up to 8.4 kW from the station's existing transmitter site and with its existing antenna. It states that, in the engineer's estimation, the lower power is required to reduce potential interference to co-channel NTSC station KTRE-TV in Lufkin, which is located 215.1 km from KUHT-TV's transmitter site. UHS submits that it has obtained the tentative agreement of Civic Communication Corp. (Civic), the licensee of KTRE-TV, to KUHT-TV's use of channel 9 for DTV service, with ERP up to a maximum of 8.4 kW. UHS states that it has committed to resolve interference problems that might result to KTRE-TV, including potential power reductions to 1.3 kW. On June 16, 1997, UHS submitted a letter from Mr. Errol R. Kapellusch, Senior Vice President and General Manager of Civic License Holding Company, the licensee of KTRE-TV, consenting to operation of KUHT's DTV service on channel 9, based on a maximum power of 8.4 kW. Mr. Kapellusch further conditions his consent on KUHT-TV's agreement that in the event such operations actually cause interference within KTRE-TV's Grade B contour, KUHT-TV will take whatever steps are necessary, including power reductions to as low as 1.3 kW, to resolve them. He further agrees to KUHT-TV's plan to convert the station's DTV service to its existing channel 8 at the end of the transition, without concerns for either station that would arise out of a continuing short-spacing.

302. Throughout this proceeding we have recognized that the implementation of DTV will be a dynamic process and that mechanisms would be needed to accommodate changes that will occur. In the Sixth Report and Order, we stated our intent to provide broadcasters with the flexibility to develop alternative allotment approaches and adopted an approach to accommodate voluntary industry coordination of DTV allotment and facility modifications. We find that the change UHS requests is consistent with this approach and would be in the public interest. We believe that making this change, as requested by UHS and agreed to by Civic, would provide its noncommercial station with an easier and more economical transition to DTV service. We further find that such a change would be neutral in its impact on low power operations. Accordingly, we are amending the DTV Table of Allotments to permit station KUHT-TV to operate on DTV channel 9 with ERP of up to 8.4 kW.

The attached Engineering Statement makes clear that the 8.4 kW ERP set forth in the DTV Table of Allotments will not result in replication of KUHT's analog service area on Channel *8, but will instead result in loss of service to thousands of viewers. As shown, based on the calculations of KUHT's consulting engineers, an ERP of 20 kW is required in order for KUHT to continue service to the same population now served by its analog facility. In addition, as documented in the Engineering Statement, KUHT's analog service suffers from tropospheric ducting interference due to the operation of co-channel DTV Station KIII-DT, Corpus Christi, Texas. Allowing the higher ERP of 20 kW for KUHT will help combat the interference form the tropospheric ducting and ensure the continuation of noncommercial education television service to viewers throughout the KUHT service area.

KUHT submits that the public interest would be best served if KUHT is permitted a sufficient power level to replicate adequately its analog service area and to overcome the effects of tropospheric interference so that KUHT may continue providing high quality public television programming to its entire service area. In addition, the antenna azimuth pattern requires correction. For these reasons, KUHT submits that a power level of 20 kW ERP and an updated antenna azimuth pattern should be allotted in the Final DTV Table of Allotments.

Respectfully submitted,

THE UNIVERSITY OF HOUSTON SYSTEM

Margaret L. Miller

Its Attorney/

Dow Lohnes pllc 1200 New Hampshire Ave., N.W. Suite 800 Washington, DC 20036 (202) 776-2000

January 25, 2007

ENGINEERING TECHNICAL STATEMENT PREPARED BY WILLIAM T. GODFREY, JR. OF THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC., TELECOMMUNICATIONS CONSULTING ENGINEERS IN CONNECTION WITH SEVENTH FURTHER NOTICE OF PROPOSED RULE MAKING REGARDING THE PARAMETERS ASSIGNED IN THE PROPOSED DTV TABLE OF ALLOTMENTS FOR UNIVERSITY OF HOUSTON SYSTEM'S POST-TRANSITION DIGITAL TELEVISION BROADCAST FACILITY, KUHT-DT CHANNEL 8.

The firm Kessler and Gehman Associates, Inc. was retained by the University of Houston System (UHS), Houston, Texas to review the KUHT-DT Channel *8 post-transition facility's technical parameters assigned in the FCC's proposed DTV Table of Allotments contained in the Seventh Further Notice of Proposed Rule Making (7th FNPRM) and to prepare comments for filing if detailed engineering studies reveal inaccuracies with respect to the proposed technical parameters.

Discussion

UHS is licensed to operate KUHT-TV Channel *8 with a maximum effective radiated power (ERP) of 316 kW with an antenna height radiation center of 320 meters above average terrain (AAT) using a Cetec model JRP 8/3.9 ring panel circularly polarized directional antenna. UHS was initially allotted digital Channel *53 with an ERP of 1,000 kW; however, it filed a Petition for Rule Making (PFRM) requesting that the DTV allotment provided for its noncommercial educational station be changed from channel *53 to channel *9. UHS stated in its PFRM that digital operation on Channel *53, rather than Channel *9, would result in substantial and unnecessary hardship for the station. UHS noted that there was a legitimate concern that operation of KUHT's DTV service on Channel *9 could possibly result in interference to the NTSC service of KTRE-TV operating on channel 9 at Lufkin, Texas, 215 km away. Therefore, UHS stated that it would accept limitations in its power during the transition, to avoid any possibility of interference to KTRE-TV. The FCC amended the DTV Table of Allotments by substituting DTV Channel *9 for KUHT-TV's assigned DTV Channel *53. The

DTV Table amendment process was conducted with the understanding that KUHT would revert back to its NTSC channel for its post-transition digital operation using full "NTSC" replication facilities. Each DTV channel allotment was chosen by the FCC to best match the Grade B contour of the NTSC station with which it was paired; however, to avoid financial hardship, KUHT clearly had no choice but to substitute its out-of-core Channel *53 which it received in Appendix B of the Sixth Report and Order released April, 21 1997 with Channel *9 which it received in the Sixth Further Notice of Proposed Rule Making released August 14, 1996. Accordingly, KUHT elected "replication" based on its NTSC facility. Therefore, the 8.4 kW ERP assigned to the KUHT-DT Channel *8 post-transition facility in the proposed DTV TOA falls well short of replication and does not serve the public's best interest. An ERP of 20.9 kW for the KUHT-DT Channel *9 facility was suggested in the Memorandum Opinion and Order on Reconsideration of the Sixth Report and Order released February 23, 1998 which happens to be the approximate replication ERP.

The FCC released the 7th FNPRM on October 20, 2006 which included the proposed DTV Table of Allotments (TOA). In the 7th FNPRM, it states that interested parties may file comments on or before January 11, 2007 with respect to the proposed DTV Table and asks that licensees review the accuracy of their information contained in the proposed DTV Table, including comments on any inaccuracies or discrepancies. The FCC also stated in the 7th FNPRM that it believes that it's proposed new DTV Table is the result of informed decisions by licensees when making their channel elections and that licensees benefited from the clarity and transparency of the channel election process. However, the clarity of the Channel Election process is in doubt for UHS because it elected "replication" in its Pre-Election Certification Form and technical parameters depicted in the proposed DTV TOA for the KUHT-DT Channel 8 post-transition facility fall well short of replication. The FCC informed UHS that it calculates post-transition DTV operation based on the NTSC ERP for stations electing to go back to NTSC channels. Therefore, the core of all decisions acted upon by UHS with respect to the DTV transition, which includes the certification application and the first round channel election

application, were entirely based on the certainty that the KUHT post-transition DTV facility would carry-over the Grade B coverage that it is currently licensed to serve to the public.

UHS would lose thousands of viewers that it currently serves if it were forced to operate with an ERP of only 8.4 kW as assigned in the proposed DTV TOA. Exhibit 1 depicts the following contours: 1) KUHT-TV licensed F(50,50) 56.0 dBuV/m Grade B contour – dashed black; 2) KUHT-DT licensed F(50,90) 36.0 dBuV/m noise limited contour – green; 3) KUHT-DT proposed DTV TOA F(50,90) 36.0 dBuV/m noise limited contour – red; and 4) KUHT-DT replication F(50,90) 36.0 dBuV/m noise limited contour – magenta. Referring to Exhibit 1, it can be seen that the licensed KUHT-DT Channel *9 (green) and the KUHT-DT facility resulting from the proposed DTV TOA (red) would not replicate the licensed KUHT-TV Channel *8 Grade B contour (NTSC). The magenta F(50,90) 36.0 dBuV/m noise limited contour depicted in Exhibit 1 replicates the KUHT-TV Channel *8 Grade B contour. The KUHT-DT Channel *8 post-transition facility would have to operate with a maximum ERP of 20 kW to replicate the licensed NTSC Grade B contour. Therefore, UHS respectfully requests that the assigned ERP in the proposed DTV TOA be changed from 8.4 kW to 20 kW so that it can serve the population now served with its licensed analog facility.

Exhibit 2 is a Longley-Rice interference study that was run with the KUHT-DT Channel *8 post-transition facility operating with an ERP of 20 kW. Referring to Exhibit 2, it can be seen that the 20 kW KUHT-DT Channel *8 facility would not cause unacceptable interference to any stations. In fact, it was determined that the ERP could be increased up to 37.2 kW before the de minimis interference threshold would be reached. The interference study indicates that unacceptable interference would be caused to the KPLC-DT Channel 8 Lake Charles, LA facility (BLCDT-20050214AFM); however KPLC released Channel 8 and locked-in Channel 7 for its post-transition DTV operation. Therefore, the predicted interference depicted in the study to the KPLC-DT Channel 8 facility should be ignored.

UHS has been experiencing significant interference from the KIII-DT Corpus Christi, TX facility due to tropospheric ducting. The KIII-DT Channel 8 facility recently went on the air with an ERP of 160 kW and its powerful signal is actually overpowering the licensed KUHT-TV Channel *8 signal in its City Grade contour at times. Tropospheric ducting affects all frequencies and the signals tend to travel up to 800 miles or more. Temperature inversions occur most frequently along coastal areas bordering large bodies of water, similar to the Houston, TX area. UHS is experiencing this problem now with its 316 kW Channel *8 NTSC facility and is concerned that the proposed KUHT 8.4 kW Channel *8 post-transition facility would be impacted even greater. Increasing power to the 20 kW replication ERP would not only serve the public's interest by maintaining coverage to the existing KUHT service population, it would also help reduce the interference affects caused by tropospheric ducting from the KIII-DT adjacent channel facility.

In the Second Periodic Review of the Commission's Rules and Policies Affecting the Conversion to Digital Television released September 7, 2004 (MB Docket No. 03-15), the FCC asked licensees to review the accuracy of their technical information depicted in the Consolidated Database System (CDBS) and requested that licensees contact the staff no later than October 1, 2004 so that it could consider proposed corrections to the CDBS (Database clean-up). UHS discovered that the antenna pattern depicted in the CDBS for the KUHT digital facility was incorrect and submitted corrections to the FCC. The FCC agreed that the pattern for the KUHT digital facility was depicted incorrectly in the CDBS and notified UHS on October 20, 2004 that the database was updated. Once again, the FCC has asked licensees to review the accuracy of their technical information, except this time it is with respect to the proposed DTV TOA instead of the CDBS. The same azimuth pattern error discovered in the CDBS back in 2004 was discovered in the proposed DTV TOA. Exhibits 3 and 4 depict the licensed KUHT-TV Channel 8 and licensed KUHT-DT Channel 9 antenna azimuth pattern and tabulation respectively. Referring to both exhibits, it can be seen that the patterns are exactly the same. However, the antenna azimuth pattern assigned in the proposed DTV TOA (Exhibit 5) is very much different than the licensed NTSC and DTV patterns. In fact, the pattern assigned for KUHT in the proposed DTV TOA is the exact same pattern that was eliminated from the CDBS

when UHS requested a correction during the database clean-up. Exhibit 6 is a contour map depicting the KUHT-TV Channel 8 F(50,50) 56.0 dBuV/m Grade B contour using the antenna azimuth pattern licensed for both the KUHT NTSC and KUHT DTV facilities (green) and the proposed DTV TOA F(50,90) 36.0 dBuV/m noise limited contour (red). It can be seen pictorially that the contours are quite different and that the proposed DTV TOA contour would result in additional loss in service population and it would also force UHS to purchase a new custom directional antenna for KUHT which could cost UHS more than \$200,000.00 instead of allowing it to use the existing antenna and reduce the financial burden of the transition. It has been determined that the antenna azimuth pattern correction would not cause additional interference to other proposed digital allotments.

In conclusion, UHS requests that the ERP assigned to the KUHT-DT Channel *8 post-transition facility in the proposed DTV TOA be changed to 20 kW so that KUHT will be able to serve the population its NTSC facility currently serves. The 8.4 kW ERP assigned to KUHT in the proposed DTV TOA would result in thousand of viewers losing service which would not be in the public's best interest and could actually result in unfavorable reviews from the public with respect to digital television service. UHS currently receives interference on its Channel *8 analog facility due to tropospheric ducting from the KIII-DT adjacent-channel Corpus Christi, TX facility and believes that the increased power is critical to keep the interference at a minimum when the DTV transition ends and KUHT switches over to Channel *8 for permanent DTV operation. In addition, UHS also requests an antenna azimuth pattern correction so that the KUHT-DT post-transition digital facility can use its existing antenna. The correct azimuth pattern relative field values are depicted in Exhibits 3 and 4 (licensed NTSC and DTV patterns are identical). It has been determined that the antenna azimuth pattern correction would not cause additional interference to other proposed digital allotments.

Certification

This technical statement was prepared by William T. Godfrey, Jr., Telecommunications Technical Consultant with Kessler and Gehman Associates, Inc. having offices in Gainesville,

Kessler and Gehman Associates, Inc.

Telecommunications Consulting Engineers

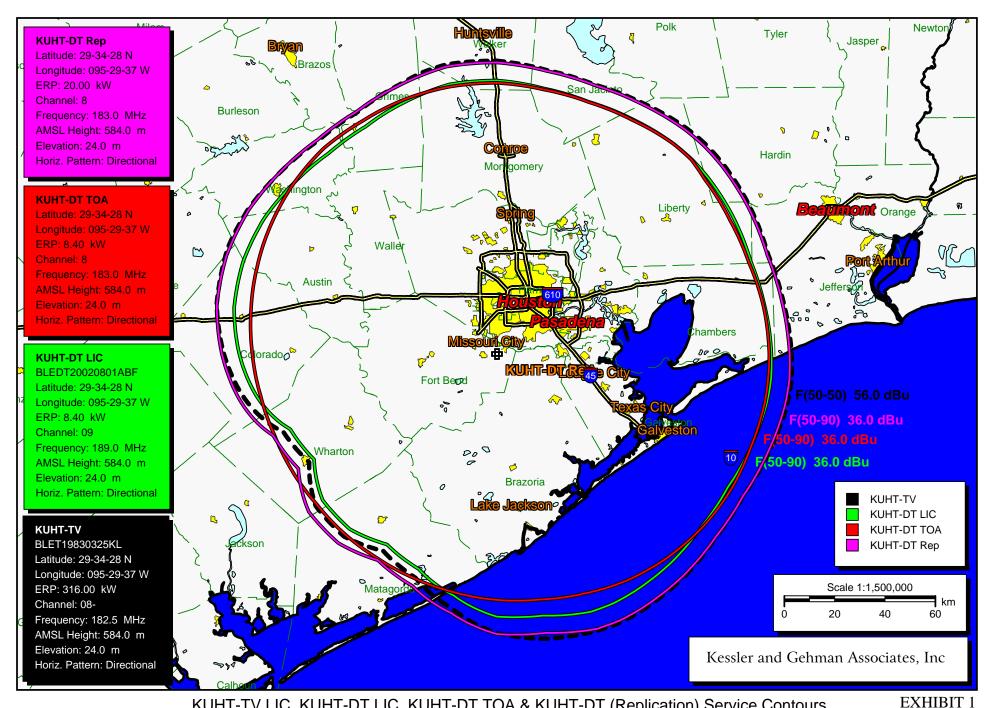
Florida and has been working in the field of radio and television broadcast consulting since 1998. He graduated from the University of North Florida with a Bachelor of Arts degree in Criminal Justice and a minor in Mathematics in 1993. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.

KESSLER AND GEHMAN ASSOCIATES, INC.

WILLIAM T. GODFREY, JR.

Telecommunications Technical Consultant

23 January, 2007



TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-22-2006 Time: 09:41:13

Record Selected for Analysis

KUHT-DT USERRECORD-01 HOUSTON TX US

Channel 08 ERP 20. kW HAAT 565. m RCAMSL 00584 m

Latitude 029-34-28 Longitude 0095-29-37

Status APP Zone 3 Border

Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.

Last update Cutoff date Docket

Comments Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth	ERP	HAAT	36.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	18.432	564.6	115.7
45.0	20.000	567.1	116.6
90.0	19.208	566.4	116.2
135.0	15.312	565.3	114.1
180.0	10.658	566.4	111.2
225.0	1.984	566.7	97.6
270.0	8.450	563.7	109.2
315.0	11.705	559.9	111.6

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KUHT-DT 08 HOUSTON TX USERRECORD01

and station

SHORT TO: KPLC-DT 08 LAKE CHARLES LA DTVPLN DTVP0042

30-23-43 93-00-08

Reg. separation 273.6 Actual separation 257.1 Short 16.5 km

SHORT TO: KPLC 08 LAKE CHARLES LA BLCDT 20050214AFM

030-23-46 0093-00- 3

Req. separation 273.6 Actual separation 257.2 Short 16.4 km

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountian

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

Channel Call City/State ARN

08 KUHT-DT HOUSTON TX USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
08	KPLC-DT	LAKE CHARLES LA	256.6	PLN	DTVPLN	-DTVP0042
08	KPLC	LAKE CHARLES LA	256.8	LIC	BLCDT	-20050214AFM
08	KIII	CORPUS CHRISTI TX	296.0	LIC	BPRM	-19990218AAB
08	KIII	CORPUS CHRISTI TX	296.0	CP	BPCDT	-20040107AMR
08	KIII	CORPUS CHRISTI TX	296.0	APP	BPRM	-20000328AAX
08	WFAA-TV	DALLAS TX	363.2	LIC	BLCT	-19900615KG
08	KLRN	SAN ANTONIO TX	278.3	LIC	BLEDT	-20030430ABV
08	KLRN	SAN ANTONIO TX	278.3	LIC	BPRM	-20000414AAD
09	KTRE	LUFKIN TX	215.5	APP	BSTA	-20060315ABZ
09	KTRE	LUFKIN TX	215.5	LIC	BLCT	-20051228ADL

Analysis of Interference to Affected Station 1

DTV Baseline Analysis

Channel Call City/State Application Ref. No. 08 KPLC-DT LAKE CHARLES LA DTVPLN -DTVP0042

Stations Potentially Affecting This Station

Chan Call City/State 07 KPLCTV LAKE CHARLES LA 08 KNOETV MONROE LA 08 WVUE NEW ORLEANS LA 09 WAFB BATON ROUGE LA 09 KTRE LUFKIN TX	Dist(km) St 0.0 I 218.9 I 297.4 I 171.6 I 205.8 I	PLN DTVPLN PLN DTVPLN PLN DTVPLN PLN DTVPLN	N -NPLN0536 N -NPLN0537 N -NPLN0598
Results for: 8A LA LAKE CHARLES	DTVPLN	DTVP0042	PLN
HAAT 451.0 m, ATV ERP 3.2 kW	PULATION A	REA (sq km)	
within Noise Limited Contour	668895	26243.7	
not affected by terrain losses	668558	26179.6	
lost to NTSC IX	5364	561.2	
lost to additional IX by ATV	0	0.0	
lost to ATV IX only lost to all IX	0 5364	0.0 561.2	
TOSC CO ATT IX	5304	501.2	
NTSC Baseline Analysis			
Channel Call City/Stat		lication Ref.	
07 KPLCTV LAKE CHARLES L	A I	DTVPLN -NE	PLN0475
Stations Potentially Affecting	This Station		
beations rotenerary arrecting	THIS SCACTOR		
Chan Call City/State	Dist(km) St	tatus Applio	cation Ref. No.
07 WDAMTV LAUREL MS	373.4 I		
07 KLTV TYLER TX	317.8		
08 KPLC-DT LAKE CHARLES LA		PLN DTVPLN	
08 KNOETV MONROE LA	218.9 I	PLN DTVPLN	N -NPLN0536
Results for: 7N LA LAKE CHARLES	DTVPLN	NPLN0475	PLN
	PULATION A	REA (sq km)	
	1024328	37006.6	
<u> -</u>	1018302	36597.7	
lost to NTSC IX	12043	1415.0	
lost to additional IX by ATV lost to all IX	0 12043	0.0 1415.0	
TOST TO ATT IX	12043	1415.0	
Analysis of current record			
Channel Call City/Stat	e App	lication Ref.	No.
08 KPLC-DT LAKE CHARLES L	A I	DTVPLN -D7	TVP0042
Stations Potentially Affecting	This Station		
_			
Chan Call City/State	Dist(km) St		cation Ref. No.
07 KPLC LAKE CHARLES LA 07 KNOE-TV MONROE LA		LIC BLCT	-20040224ABK
07 KNOE-TV MONROE LA 07 KNOETV MONROE LA		LIC BLCDT LIC BPRM	-20050125AKZ -20000328AAI
08 KNOE-TV MONROE LA		LIC BLCT	-19990111KG
08 WVUE NEW ORLEANS LA		LIC BMLCT	
08 WVUE NEW ORLEANS LA		APP BSTA	-20050913ACF
09 WAFB BATON ROUGE LA		LIC BLCT	-1498
09 KTRE LUFKIN TX		APP BSTA	
09 KTRE LUFKIN TX		LIC BLCT	
08 KUHT-DT HOUSTON TX	256.6 A	APP USERRE	ECORD-01

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 1

Before Analysis

DTVPLN DTVP0042 PLN Results for: 8A LA LAKE CHARLES

HAAT 451.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 668895 26243.7 not affected by terrain losses 668558 26179.6 lost to NTSC IX 5364 557.2 lost to additional IX by ATV 0 0.0 lost to ATV IX only 0 0.0 lost to all IX 5364 557.2

Potential Interfering Stations Included in above Scenario 1

8N LA MONROE BLCT 19990111KG LIC

After Analysis

Results for: 8A LA LAKE CHARLES DTVPLN DTVP0042 PLN

HAAT 451.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 668895 26243.7 not affected by terrain losses 668558 26179.6 lost to NTSC IX 5364 557.2 lost to additional IX by ATV 10 8.0 lost to ATV IX only 670 72.2 lost to all IX 5374 565.2

Potential Interfering Stations Included in above Scenario 1

8N LA MONROE BLCT 19990111KG LIC USERRECORD01 8A TX HOUSTON APP

*Percent Service lost without proposal: 34.1 to DTVPLN DTVP0042
*Percent Service lost with proposal: 34.1 to DTVPLN DTVP0042

Result key:

Scenario 2 Affected station 1

Before Analysis

Results for: 8A LA LAKE CHARLES DTVPLN DTVP0042 PLN

HAAT 451.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 668895 26243.7 not affected by terrain losses 668558 26179.6 lost to NTSC IX 5364 557.2 lost to additional IX by ATV 0 0.0 lost to ATV IX only 0 0.0 lost to all IX 5364 557.2

Potential Interfering Stations Included in above Scenario

8N LA MONROE BLCT 19990111KG LIC

After Analysis

Results for: 8A LA LAKE CHARLES DTVPLN DTVP0042 PLN

HAAT 451.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 668895 26243.7 not affected by terrain losses 668558 26179.6 lost to NTSC IX 5364 557.2 lost to additional IX by ATV 10 8.0 lost to ATV IX only 670 72.2 lost to all IX 5374 565.2

Potential Interfering Stations Included in above Scenario

8N LA MONROE BLCT 19990111KG LIC 8A TX HOUSTON USERRECORD01 APP

*Percent Service lost without proposal: 34.1 to DTVPLN DTVP0042 *Percent Service lost with proposal: 34.1 to DTVPLN DTVP0042

Analysis of Interference to Affected Station 2

Analysis of current record

Channel Call City/State Application Ref. No. KPLC LAKE CHARLES LA 0.8 BLCDT -20050214AFM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
07	KPLC	LAKE CHARLES LA	0.0	LIC	BLCT	-20040224ABK
07	KNOE-TV	MONROE LA	218.8	LIC	BLCDT	-20050125AKZ
07	KNOETV	MONROE LA	218.7	LIC	BPRM	-20000328AAI
08	KNOE-TV	MONROE LA	218.8	LIC	BLCT	-19990111KG
08	WVUE	NEW ORLEANS LA	297.3	LIC	BMLCT	-19890510KF
08	WVUE	NEW ORLEANS LA	290.9	APP	BSTA	-20050913ACF
09	WAFB	BATON ROUGE LA	171.5	LIC	BLCT	-1498
09	KTRE	LUFKIN TX	205.9	APP	BSTA	-20060315ABZ
09	KTRE	LUFKIN TX	205.9	LIC	BLCT	-20051228ADL
08	KUHT-DT	HOUSTON TX	256.8	APP	USERRECORI	D-01

Total scenarios = 2

Result key: 3
Scenario 1 Affected station 2

Before Analysis

Results for: 8A LA LAKE CHARLES BLCDT 20050214AFM LIC

HAAT 451.0 m, ATV ERP 17.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 1019656 36693.5 not affected by terrain losses 1018153 36565.3 lost to NTSC IX 28885 2469.2

```
lost to additional IX by ATV 0 lost to ATV IX only 0
                                                 0.0
  lost to ATV IX only
                                                 0.0
  lost to all IX
                                    28885
                                               2469.2
Potential Interfering Stations Included in above Scenario 1
8N LA MONROE
                         BLCT
                                   19990111KG LIC
8N LA NEW ORLEANS
                         BMLCT
                                   19890510KF LIC
After Analysis
Results for: 8A LA LAKE CHARLES
                                     BLCDT 20050214AFM LIC
  HAAT 451.0 m, ATV ERP 17.0 kW
                           POPULATION AREA (sq km)
  within Noise Limited Contour 1019656 36693.5 not affected by terrain losses 1018153 36565.3
                                28885
21562
  lost to NTSC IX
                                              2469.2
  lost to additional IX by ATV
                                               216.5
  lost to ATV IX only
                                   21716
                                               280.6
  lost to all IX
                                   50447
                                              2685.7
Potential Interfering Stations Included in above Scenario
                          BLCT
                                    19990111KG LIC
8N LA MONROE
8N LA NEW ORLEANS
                          BMLCT
                                    19890510KF LIC
8A TX HOUSTON
                          USERRECORD01
                                               APP
The following station failed the de minimis interference criteria.
                           USERRECORD01
 8D TX HOUSTON
ERP 20.00 kW HAAT 565.0 m RCAMSL 584.0 m
Antenna usr USRPAT01
Due to interference to the following station and scenario: 1
 8D LA LAKE CHARLES BLCDT 20050214AFM
ERP 17.00 kW HAAT 451.0 m RCAMSL 459.0 m
Percent Service lost without proposal: 1.7 to BLCDT 20050214AFM Percent Service lost with proposal: 3.8 to BLCDT 20050214AFM
Result key:
Scenario
               2 Affected station 2
Before Analysis
Results for: 8A LA LAKE CHARLES
                                   BLCDT 20050214AFM LIC
  HAAT 451.0 m, ATV ERP 17.0 kW
                               POPULATION AREA (sq km)
  within Noise Limited Contour
                                1019656
                                            36693.5
  not affected by terrain losses 1018153
                                             36565.3
  lost to NTSC IX
                                   28885
                                               2469.2
  lost to additional IX by ATV
                                       0
                                                  0.0
  lost to ATV IX only
                                       0
                                                  0.0
  lost to all IX
                                    28885
                                              2469.2
```

Potential Interfering Stations Included in above Scenario 2

8N LA MONROE BLCT 19990111KG LIC 8N LA NEW ORLEANS BMLCT 19890510KF LIC

After Analysis

Results for: 8A LA LAKE CHARLES BLCDT 20050214AFM LIC

HAAT 451.0 m, ATV ERP 17.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 1019656 36693.5 36565.3 not affected by terrain losses 1018153 lost to NTSC IX 28885 2469.2 lost to additional IX by ATV 21562 216.5 lost to ATV IX only 21716 280.6 lost to all IX 50447 2685.7

Potential Interfering Stations Included in above Scenario 2

8N LA MONROE BLCT 19990111KG LIC 8N LA NEW ORLEANS BMLCT 19890510KF LIC 8A TX HOUSTON USERRECORDO1 APP

The following station failed the de minimis interference criteria.

8D TX HOUSTON USERRECORD01

ERP 20.00 kW HAAT 565.0 m RCAMSL 584.0 m

Antenna usr USRPAT01

Due to interference to the following station and scenario: 2 8D LA LAKE CHARLES BLCDT 20050214AFM
ERP 17.00 kW HAAT 451.0 m RCAMSL 459.0 m

Percent Service lost without proposal: 1.7 to BLCDT 20050214AFM Percent Service lost with proposal: 3.8 to BLCDT 20050214AFM

Analysis of Interference to Affected Station 3

Analysis of current record

Channel Call City/State Application Ref. No.
08 KIII CORPUS CHRISTI TX BPRM -19990218AAB

Stations Potentially Affecting This Station

Call City/State Dist(km) Status Application Ref. No. Chan 0.8 KGNS-TV LAREDO TX 203.1 LIC BMLCT -19920806KE 199.6 LIC BLEDT -200 199.6 LIC BPRM -200 199.6 LIC BLET -198 296.0 APP USERRECORD-01 80 SAN ANTONIO TX -20030430ABV KLRN 80 KLRN SAN ANTONIO TX -20000414AAD SAN ANTONIO TX -19840417KE 09 KLRN 08 KUHT-DT HOUSTON TX

Total scenarios = 4

Result key: 5
Scenario 1 Affected station 3

Before Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 19990218AAB LIC

HAAT 289.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	547154	39215.5
not affected by terrain losses	542929	38895.0
lost to NTSC IX	566	705.1
lost to additional IX by ATV	4806	593.0
lost to ATV IX only	5154	969.6
lost to all IX	5372	1298.1

Potential Interfering Stations Included in above Scenario 1

8N TX LAREDO BMLCT 19920806KE LIC 8A TX SAN ANTONIO BLEDT 20030430ABV LIC

After Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 19990218AAB LIC

HAAT 289.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	547154	39215.5
not affected by terrain losses	542929	38895.0
lost to NTSC IX	566	705.1
lost to additional IX by ATV	4806	593.0
lost to ATV IX only	5160	973.6
lost to all IX	5372	1298.1

Potential Interfering Stations Included in above Scenario 1

8N TX LAREDOBMLCT19920806KELIC8A TX SAN ANTONIOBLEDT20030430ABVLIC8A TX HOUSTONUSERRECORDO1APP

*Percent Service lost without proposal: 0.0 to BPRM 19990218AAB
*Percent Service lost with proposal: 0.0 to BPRM 19990218AAB

Result key:

Scenario 2 Affected station 3

Before Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 19990218AAB LIC

HAAT 289.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sa km)
within Noise Limited Contour	547154	39215.5
not affected by terrain losses	542929	38895.0
lost to NTSC IX	566	705.1
lost to additional IX by ATV	4909	641.0
lost to ATV IX only	5246	1005.6
lost to all IX	5475	1346.2

Potential Interfering Stations Included in above Scenario 2

8N TX LAREDO BMLCT 19920806KE LIC

After Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 19990218AAB LIC

HAAT 289.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	547154	39215.5
not affected by terrain losses	542929	38895.0
lost to NTSC IX	566	705.1
lost to additional IX by ATV	4909	641.0
lost to ATV IX only	5252	1009.6
lost to all IX	5475	1346.2

Potential Interfering Stations Included in above Scenario 2

8N TX LAREDO BMLCT 19920806KE LIC BPRM 8A TX SAN ANTONIO 20000414AAD LIC APP 8A TX HOUSTON USERRECORD01

0.0 to BPRM 0.0 to BPRM *Percent Service lost without proposal: 19990218AAB *Percent Service lost with proposal: 19990218AAB

5372

1298.1

Result kev:

lost to all IX

Scenario 3 Affected station 3

Before Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 19990218AAB LIC HAAT 289.0 m, ATV ERP 160.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 38895.0 lost to NTSC IX 566 705.1 lost to additional IX by ATV 4806 lost to ATV IX only 5154 969.6

Potential Interfering Stations Included in above Scenario

8N TX LAREDO BMLCT 19920806KE LIC 8A TX SAN ANTONIO BLEDT 20030430ABV LIC

After Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 19990218AAB LIC HAAT 289.0 m, ATV ERP 160.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 38895.0 lost to NTSC IX 566 705.1

lost to additional IX by ATV 4806 593.0 lost to ATV IX only 5160 973.6 lost to all IX 5372 1298.1

Potential Interfering Stations Included in above Scenario 3

8N TX LAREDO BMLCT 19920806KE LIC 8A TX SAN ANTONIO BLEDT 20030430ABV LIC 8A TX HOUSTON USERRECORD01 APP

8A TX HOUSTON USERRECORD01 APP

*Percent Service lost without proposal: 0.0 to BPRM 19990218AAB
*Percent Service lost with proposal: 0.0 to BPRM 19990218AAB

Result key: 8
Scenario 4 Affected station 3

Before Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 19990218AAB LIC

HAAT 289.0 m, ATV ERP 160.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 38895.0 lost to additional IX by ATV 4909 lost to ATV IX only 705.1 641.0 lost to ATV IX only 1005.6 lost to all IX 5475 1346.2

Potential Interfering Stations Included in above Scenario

8N TX LAREDO BMLCT 19920806KE LIC 8A TX SAN ANTONIO BPRM 20000414AAD LIC

After Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 19990218AAB LIC

HAAT 289.0 m, ATV ERP 160.0 kW

within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 38895.0 lost to NTSC IX 566 705.1 lost to additional IX by ATV 4909 641.0 lost to ATV IX only 5252 1009.6 lost to all IX 5475 1346.2

Potential Interfering Stations Included in above Scenario

8N TX LAREDO BMLCT 19920806KE LIC BPRM 8A TX SAN ANTONIO 20000414AAD LIC 8A TX HOUSTON USERRECORD01 APP

*Percent Service lost without proposal: 0.0 to BPRM
*Percent Service lost with proposal: 0.0 to BPRM 19990218AAB 19990218AAB

Analysis of Interference to Affected Station 4

Analysis of current record

Channel Call City/State Application Ref. No. 08 KIII CORPUS CHRISTI TX BPCDT -20040107AMR

Stations Potentially Affecting This Station

Chan Call City/State 08 KGNS-TV LAREDO TX 08 KLRN SAN ANTONIO TX 08 KLRN SAN ANTONIO TX 09 KLRN SAN ANTONIO TX 08 KUHT-DT HOUSTON TX Total scenarios = 4	203.1 Li 199.6 Li	IC BLEDT IC BPRM IC BLET	-19920806KE -20030430ABV -20000414AAD -19840417KE
Result key: 9 Scenario 1 Affected station Before Analysis	4		
within Noise Limited Contour not affected by terrain losses	ULATION ARI 545684 5 542371 6 485 4764 5024 5249	933.5 1302.1	CP
8N TX LAREDO BMLCT 8A TX SAN ANTONIO BLEDT	19920806KE 20030430ABV		
After Analysis			
Results for: 8A TX CORPUS CHRISTI HAAT 269.0 m, ATV ERP 160.0 kW POP	BPCDT ULATION ARI	20040107AMR EA (sq km)	СР
within Noise Limited Contour not affected by terrain losses lost to NTSC IX lost to additional IX by ATV lost to ATV IX only lost to all IX	542371 3 485	38205.8 37937.3 709.1 593.0 933.5 1302.1	
Potential Interfering Stations Inclu	ded in above	Scenario	1
8N TX LAREDO BMLCT 8A TX SAN ANTONIO BLEDT 8A TX HOUSTON USERRECOR *Percent Service lost without propos *Percent Service lost with proposal:	al: 0.0	APP to BPCDT	20040107AMR 20040107AMR
Result key: 10 Scenario 2 Affected station Before Analysis	4		
Results for: 8A TX CORPUS CHRISTI HAAT 269.0 m, ATV ERP 160.0 kW	BPCDT	20040107AMR	СР

within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour ! losses !	542371 485 3381 3581 3866	38205.8 37937.3 709.1 609.0 937.5 1318.1	
Potential Interfering Stat	ions includ	ned in above	e Scenario	2
8N TX LAREDO 8A TX SAN ANTONIO	BMLCT BPRM	19920806KE 20000414AAI	-	
After Analysis				
Results for: 8A TX CORPUS HAAT 269.0 m, ATV ERP	160.0 kW		20040107AMR	СР
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour !losses !	545684 542371 485 3381	38205.8 37937.3 709.1 609.0 937.5	
Potential Interfering Stat	ions Includ	ded in above	e Scenario	2
8N TX LAREDO 8A TX SAN ANTONIO 8A TX HOUSTON *Percent Service lost with *Percent Service lost with	BMLCT BPRM USERRECORI out proposa proposal:	al: 0.0	D LIC APP D to BPCDT	20040107AMR 20040107AMR
Result key: 11 Scenario 3 Affected Before Analysis	station	4		
Results for: 8A TX CORPUS HAAT 269.0 m, ATV ERP		BPCDT	20040107AMR	CP
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour ! losses !	JLATION AF 545684 542371 485 4764 5024 5249	REA (sq km) 38205.8 37937.3 709.1 593.0 933.5 1302.1	
Potential Interfering Stat	ions Includ	ded in above	e Scenario	3
8N TX LAREDO 8A TX SAN ANTONIO	BMLCT BLEDT	19920806KE 20030430ABV	-	
After Analysis				
Results for: 8A TX CORPUS HAAT 269.0 m, ATV ERP		BPCDT	20040107AMR	СР

within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour ! losses ! ATV	545684 542371 485 4764 5024 5249	38 35	709.1 593.0 933.5 1302.1	
Potential Interfering Stat	ions Includ	ded in al	oove S	Scenario	3
8N TX LAREDO 8A TX SAN ANTONIO 8A TX HOUSTON *Percent Service lost with *Percent Service lost with		al:	0.0	APP to BPCDT	
Result key: 12 Scenario 4 Affected Before Analysis	station	4			
Results for: 8A TX CORPUS HAAT 269.0 m, ATV ERP		BPCD7	Γ	20040107AMR	СР
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	POPI tour ! losses !	545684 542371 485	38 37	A (sq km) 3205.8 7937.3 709.1 609.0 937.5	
Potential Interfering Stat	ions Inclu	ded in ak	oove S	Scenario	4
8N TX LAREDO 8A TX SAN ANTONIO	BMLCT BPRM	19920806 20000414			
After Analysis					
Results for: 8A TX CORPUS HAAT 269.0 m, ATV ERP		BPCDT			CP
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour ! losses !	ULATION 545684 542371 485 3381 3581 3866	38 35	A (sq km) 3205.8 7937.3 709.1 609.0 937.5	
Potential Interfering Stat	ions Inclu	ded in al	oove S	Scenario	4
8N TX LAREDO 8A TX SAN ANTONIO 8A TX HOUSTON *Percent Service lost with *Percent Service lost with			1AAD 0.0	LIC LIC APP to BPCDT to BPCDT	20040107AMR 20040107AMR

Analysis of Interference to Affected Station 5

Analysis of current record

Channel Call City/State Application Ref. No. CORPUS CHRISTI TX BPRM -20000328AAX 0.8 KTTT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km) Statu	s Application Ref. No.
80	KGNS-TV	LAREDO TX	203.1 LIC	BMLCT -19920806KE
08	KLRN	SAN ANTONIO TX	199.6 LIC	BLEDT -20030430ABV
08	KLRN	SAN ANTONIO TX	199.6 LIC	BPRM -20000414AAD
09	KLRN	SAN ANTONIO TX	199.6 LIC	BLET -19840417KE
08	KUHT-DT	HOUSTON TX	296.0 APP	USERRECORD-01

Total scenarios = 4

Result key: 13
Scenario 1 Affected station

Before Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 20000328AAX APP HAAT 289.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	547154	39215.5
not affected by terrain losses	542929	38895.0
lost to NTSC IX	566	705.1
lost to additional IX by ATV	4806	593.0
lost to ATV IX only	5154	969.6
lost to all IX	5372	1298 1

Potential Interfering Stations Included in above Scenario

19920806KE LIC 8N TX LAREDO BMLCT 8A TX SAN ANTONIO BLEDT 20030430ABV LIC

After Analysis

BPRM 20000328AAX APP Results for: 8A TX CORPUS CHRISTI HAAT 289.0 m, ATV ERP 160.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 lost to NTSC IX 566

705.1 lost to additional IX by ATV 4806 593.0 lost to ATV IX only 5160 973.6 lost to all IX 5372 1298.1

Potential Interfering Stations Included in above Scenario

8N TX LAREDO 19920806KE LIC BMLCT 20030430ABV LIC 8A TX SAN ANTONIO BLEDT

> **EXHIBIT 2** 14

38895.0

8A TX HOUSTON USERRECORD01 APP

*Percent Service lost without proposal: 0.0 to BPRM 20000328AAX
*Percent Service lost with proposal: 0.0 to BPRM 20000328AAX

Result key: 14
Scenario 2 Affected station 5

Before Analysis

BPRM 20000328AAX APP Results for: 8A TX CORPUS CHRISTI

HAAT 289.0 m, ATV ERP 160.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 38895.0 lost to NTSC IX 566 705.1 lost to additional IX by ATV 4909 641.0 lost to ATV IX only 5246 1005.6 lost to all IX 5475 1346.2

Potential Interfering Stations Included in above Scenario 2

8N TX LAREDO BMLCT 19920806KE LIC 8A TX SAN ANTONIO BPRM 20000414AAD LIC

After Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 20000328AAX APP HAAT 289.0 m, ATV ERP 160.0 kW

within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 38895.0 lost to NTSC IX 566 705.1 lost to additional IX by ATV 4909 641.0 lost to ATV IX only lost to ATV IX only 5252 1009.6 lost to all IX 5475 1346.2

Potential Interfering Stations Included in above Scenario

BMLCT 19920806KE LIC 8A TX SAN ANTONIO BPRM 20000414AAD LIC 8A TX HOUSTON USERRECORDO1

*Percent Service lost without proposal: 0.0 to BPRM 20000328AAX *Percent Service lost with proposal: 0.0 to BPRM 20000328AAX

Result key: 15
Scenario 3 Affected station 5

Before Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 20000328AAX APP

HAAT 289.0 m, ATV ERP 160.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 38895.0 lost to NTSC IX 566 705.1 lost to additional IX by ATV 4806 593.0 lost to ATV IX only 5154 969.6

lost to all IX 5372 1298.1

Potential Interfering Stations Included in above Scenario 3

19920806KE LIC 8N TX LAREDO BMLCT 8A TX SAN ANTONIO BLEDT 20030430ABV LIC

After Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 20000328AAX APP

HAAT 289.0 m, ATV ERP 160.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 38895.0 lost to NTSC IX 566 705.1 lost to additional IX by ATV 4806 593.0 lost to ATV IX only 5160 973.6 lost to all IX 5372 1298.1

Potential Interfering Stations Included in above Scenario

19920806KE LIC 8N TX LAREDO BMLCT BLEDT 20030430ABV LIC 8A TX SAN ANTONIO APP USERRECORD01 8A TX HOUSTON

*Percent Service lost without proposal: 0.0 to BPRM 20000328AAX *Percent Service lost with proposal: 0.0 to BPRM 20000328AAX

Result key: 16

Result key: 16 Scenario 4 Affected station 5

Before Analysis

BPRM 20000328AAX APP Results for: 8A TX CORPUS CHRISTI

HAAT 289.0 m, ATV ERP 160.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 38895.0 lost to NTSC IX 566 705.1 4909 lost to additional IX by ATV 641.0 lost to ATV IX only 5246 1005.6 lost to all IX 5475 1346.2

Potential Interfering Stations Included in above Scenario 4

8N TX LAREDO BMLCT 19920806KE LIC BPRM 8A TX SAN ANTONIO 20000414AAD LIC

After Analysis

Results for: 8A TX CORPUS CHRISTI BPRM 20000328AAX APP HAAT 289.0 m, ATV ERP 160.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 547154 39215.5 not affected by terrain losses 542929 38895.0 lost to NTSC IX 566 705.1 lost to additional IX by ATV 4909 641.0 5252 1009.6 lost to ATV IX only

lost to all IX 5475 1346.2

Potential Interfering Stations Included in above Scenario 4

8N TX LAREDO BMLCT 19920806KE LIC 8A TX SAN ANTONIO BPRM 20000414AAD LIC 8A TX HOUSTON USERRECORDO1 APP

*Percent Service lost without proposal: 0.0 to BPRM 20000328AAX *Percent Service lost with proposal: 0.0 to BPRM 20000328AAX

Analysis of Interference to Affected Station 6

NTSC Baseline Analysis

Channel Call City/State Application Ref. No. 08 WFAATV DALLAS TX DTVPLN -NPLN0567

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
07	KLTV	TYLER TX	164.7	PLN	DTVPLN	-NPLN0507
80	KWET-DT	CHEYENNE OK	416.0	PLN	DTVPLN	-DTVP0047
80	KTUL	TULSA OK	396.4	PLN	DTVPLN	-NPLN0558
80	KLST	SAN ANGELO TX	319.4	PLN	DTVPLN	-NPLN0570
09	WFAA-DT	DALLAS TX	0.0	PLN	DTVPLN	-DTVP0061

Results for: 8N TX DALLAS DTVPLN NPLN0567 PLN POPULATION AREA (sq km)

	POPULATION	AREA (SQ KIII
within Noise Limited Contour	5463789	40366.4
not affected by terrain losses	5443576	38999.9
lost to NTSC IX	58028	2556.1
lost to additional IX by ATV	0	0.0
lost to all IX	58028	2556.1

Analysis of current record

Channel Call City/State Application Ref. No. 08 WFAA-TV DALLAS TX BLCT -19900615KG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
07	KLTV	TYLER TX	164.8	LIC	BMLCT	-20051104ADS
07	KLTV	TYLER TX	162.6	APP	BSTA	-20060217AAR
08	KWET-DT	CHEYENNE OK	416.0	PLN	DTVPLN	-DTVP0047
08	KWET	CHEYENNE OK	416.0	LIC	BLEDT	-20060601BMA
08	KTUL	TULSA OK	396.4	LIC	BLCT	-19880602KE
08	KLST	SAN ANGELO TX	319.4	LIC	BLCT	-19811028KG
08	KLRN	SAN ANTONIO TX	385.1	LIC	BLEDT	-20030430ABV
08	KLRN	SAN ANTONIO TX	385.1	LIC	BPRM	-20000414AAD
09	WFAA-TV	DALLAS TX	0.0	LIC	BLCDT	-19981103KG
09	WFAA-DT	DALLAS TX	0.0	PLN	DTVPLN	-DTVP0061
09	KCEN-TV	TEMPLE TX	147.6	LIC	BLCDT	-20021010AAB
09	KCEN-TV	TEMPLE TX	147.6	LIC	BPRM	-20000229ABS

08 KUHT-DT HOUSTON TX 363.2 APP USERRECORD-01

Total scenarios = 4

Result key: 17
Scenario 1 Affected station 6

Before Analysis

Results for: 8N TX DALLAS BLCT 19900615KG LIC POPULATION AREA (sq km) within Noise Limited Contour 5463789 40366.4 not affected by terrain losses 5443576 38999.9 lost to NTSC IX 58639 2556.1 lost to additional IX by ATV 1797 120.6 lost to additional IX by ATV 1797 60436 2676.6 lost to all IX

Potential Interfering Stations Included in above Scenario 1

7N TX	TYLER	BMLCT	20051104ADS	LIC
8N OK	TULSA	BLCT	19880602KE	LIC
8N TX	SAN ANGELO	BLCT	19811028KG	LIC
9A TX	TEMPLE	BLCDT	20021010AAB	LIC

After Analysis

Results for: 8N TX DALLAS BLCT 19900615KG LIC POPULATION AREA (sq km) within Noise Limited Contour 5463789 40366.4 not affected by terrain losses 5443576 38999.9 lost to NTSC IX 58639 2556.1 lost to NTSC IX 58639 lost to additional IX by ATV 1818 128.6 lost to all IX 60457 2684.7

Potential Interfering Stations Included in above Scenario 1

7N	TX	TYLER	BMLCT	20051104ADS	LIC
8N	OK	TULSA	BLCT	19880602KE	LIC
8N	TX	SAN ANGELO	BLCT	19811028KG	LIC
9A	TX	TEMPLE	BLCDT	20021010AAB	LIC
8A	TX	HOUSTON	USERRECORI	001	APP

*Percent new DTV interference without proposal: 0.0 BLCT 19900615KG *Percent new DTV interference with proposal: 0.0 BLCT 19900615KG

Result key: 18
Scenario 2 Affected station 6

Before Analysis

Results for: 8N TX DALLAS

BLC1

POPULATION AREA (sq km)

5462789 40366.4 BLCT 19900615KG LIC within Noise Limited Contour 5463789 40366.4

 not affected by terrain losses
 5443576
 38999.9

 lost to NTSC IX
 58639
 2556.1

 lost to additional IX by ATV 334 44.2 58973 2600.3 lost to all IX

Potential Interfering Stat	ions Incl	uded in above	Scenario	2	
7N TX TYLER	BMLCT	20051104ADS	LIC		
8N OK TULSA	BLCT	19880602KE	LIC		
8N TX SAN ANGELO	BLCT	19811028KG	LIC		
9A TX TEMPLE	BPRM	20000229ABS	LIC		
After Analysis					
Results for: 8N TX DALLAS		BLCT	19900615KG	LIC	
	_		EA (sq km)		
within Noise Limited Con			40366.4		
not affected by terrain lost to NTSC IX	ıosses	5443576 58639	38999.9 2556.1		
lost to additional IX by	VTA	355	52.2		
lost to all IX	111 V	58994	2608.3		
Potential Interfering Stat	ions Incl	uded in above	Scenario	2	
_					
7N TX TYLER	BMLCT	20051104ADS			
8N OK TULSA	BLCT	19880602KE 19811028KG	LIC LIC		
8N TX SAN ANGELO 9A TX TEMPLE	BLCT BPRM	20000229ABS			
8A TX HOUSTON	USERRECC		APP		
*Percent new DTV interfere	nce witho	ut proposal:	0.0 BLC	Т	19900615KG
*Percent new DTV interfere	nce with	proposal:	0.0 BLC		19900615KG
Result key: 19 Scenario 3 Affected Before Analysis	station	6			
Results for: 8N TX DALLAS		BLCT	19900615KG	LIC	
	PC	PULATION AR	EA (sq km)		
within Noise Limited Con			40366.4		
not affected by terrain	losses		38999.9		
lost to NTSC IX	7. [7] 7		2556.1		
lost to additional IX by lost to all IX	AIV	1797 60436	120.6 2676.6		
1050 CO GII IA		00130	2070.0		
Potential Interfering Stat	ions Incl	uded in above	Scenario	3	
7N TX TYLER	BMLCT	20051104ADS	LIC		
8N OK TULSA	BLCT	19880602KE	LIC		
8N TX SAN ANGELO	BLCT	19811028KG			
9A TX TEMPLE	BLCDT				
	22021	20021010AAB	LIC		
After Analysis	22021	20021010AAB	PIC		
After Analysis Results for: 8N TX DALLAS		BLCT	19900615KG	LIC	
	PC	BLCT PULATION AR		LIC	
Results for: 8N TX DALLAS	PC tour	BLCT PULATION AR 5463789	19900615KG EA (sq km)	LIC	
Results for: 8N TX DALLAS within Noise Limited Con not affected by terrain lost to NTSC IX	PC tour losses	BLCT PULATION AR 5463789 5443576 58639	19900615KG EA (sq km) 40366.4 38999.9 2556.1	LIC	
Results for: 8N TX DALLAS within Noise Limited Con not affected by terrain	PC tour losses	BLCT PULATION AR 5463789 5443576	19900615KG EA (sq km) 40366.4 38999.9	LIC	

roccinerar interreting bear	10110 1110	raaca III above	Boenario	J	
7n tx tyler	BMLCT	20051104ADS	LIC		
	BLCT				
	BLCT				
	BLCDT				
8A TX HOUSTON	USERREC	ORD01	APP		
*Percent new DTV interfere *Percent new DTV interfere	nce with	out proposal:	0.0	BLCT	19900615KG
*Percent new DTV interfere	nce with	proposal:	0.0	BLCT	19900615KG
Result key: 20					
Scenario 4 Affected	station	6			
Before Analysis					
Results for: 8N TX DALLAS		BLCT	1990061	5KG LIC	
		OPULATION ARE	A (sq km)	
within Noise Limited Con			0366.4	•	
not affected by terrain					
lost to NTSC IX		58639			
lost to additional IX by	Δ Τ'\7				
lost to all IX	AIV	58973			
iost to all ix		30973	2000.3		
Potential Interfering Stat	iona Tha	luded in aborre	Caonomio	4	
Potential interfering Stat	TORS THE.	ruded III above	Scenario	4	
711 017 017 00	DMI CITI	00051104750	T T C		
7N TX TYLER	BMLCT		_		
	BLCT				
	BLCT				
9A TX TEMPLE	BPRM	20000229ABS	LIC		
After Analysis					
Results for: 8N TX DALLAS		BLCT			
		OPULATION ARE	A (sq km)	
within Noise Limited Con	tour	5463789 4	0366.4		
not affected by terrain	losses	5443576 3	8999.9		
lost to NTSC IX		58639	2556.1		
lost to additional IX by	ATV	355	52.2		
lost to all IX		58994	2608.3		
Potential Interfering Stat	ions Inc	luded in above	Scenario	4	
3					
7N TX TYLER	BMLCT	20051104ADS	LIC		
8N OK TULSA	BLCT	19880602KE	LIC		
8N TX SAN ANGELO	BLCT	19811028KG	LIC		
9A TX TEMPLE	BPRM	20000229ABS			
8A TX HOUSTON	USERREC(APP		
				DI CIT	1000061572
*Percent new DTV interfere			0.0		19900615KG
*Percent new DTV interfere	nce with	brobosg1:	0.0	BLCT	19900615KG

Potential Interfering Stations Included in above Scenario 3

Analysis of Interference to Affected Station 7

Analysis of current record

Channel Call City/State Application Ref. No. 08 KLRN SAN ANTONIO TX BLEDT -200304

BLEDT -20030430ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
07	KTBC	AUSTIN TX	121.9	LIC	BMLCT	-20041029AGM
80	KIII	CORPUS CHRISTI TX	199.6	LIC	BPRM	-19990218AAB
80	KIII	CORPUS CHRISTI TX	199.6	CP	BPCDT	-20040107AMR
80	KIII	CORPUS CHRISTI TX	199.6	APP	BPRM	-20000328AAX
80	WFAA-TV	DALLAS TX	385.1	LIC	BLCT	-19900615KG
80	KGNS-TV	LAREDO TX	224.0	LIC	BMLCT	-19920806KE
80	KLST	SAN ANGELO TX	278.8	LIC	BLCT	-19811028KG
09	KLRN	SAN ANTONIO TX	0.0	LIC	BLET	-19840417KE
80	KUHT-DT	HOUSTON TX	278.3	APP	USERRECORI	D-01

Total scenarios = 5

Result key: 21
Scenario 1 Affected station 7

Before Analysis

Results for: 8A TX SAN ANTONIO BLEDT 20030430ABV LIC

HAAT 259.0 m, ATV ERP 8.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1813203	23174.3
not affected by terrain losses	1794748	22175.1
lost to NTSC IX	11828	1107.2
lost to additional IX by ATV	23476	2622.0
lost to ATV IX only	34184	3625.2
lost to all IX	35304	3729.2

Potential Interfering Stations Included in above Scenario 1

7N TX AUSTIN	BMLCT	20041029AGM	LIC
8N TX DALLAS	BLCT	19900615KG	LIC
8N TX LAREDO	BMLCT	19920806KE	LIC
8N TX SAN ANGELO	BLCT	19811028KG	LIC
8A TX CORPUS CHRISTI	BPRM	19990218AAB	LIC

After Analysis

Results for: 8A TX SAN ANTONIO BLEDT 20030430ABV LIC

HAAT 259.0 m, ATV ERP 8.3 kW

·	POPULATION	AREA (sq km)
within Noise Limited Contour	1813203	23174.3
not affected by terrain losses	1794748	22175.1
lost to NTSC IX	11828	1107.2
lost to additional IX by ATV	23476	2626.0
lost to ATV IX only	34184	3633.2
lost to all IX	35304	3733.2

Potential Interfering Stations Included in above Scenario 1

7N TX AUSTIN BMLCT 20041029AGM LIC

```
      8N TX DALLAS
      BLCT
      19900615KG
      LIC

      8N TX LAREDO
      BMLCT
      19920806KE
      LIC

      8N TX SAN ANGELO
      BLCT
      19811028KG
      LIC

      8A TX CORPUS CHRISTI
      BPRM
      19990218AAB
      LIC

      8A TX HOUSTON
      HOUSTON
      HOUSTON

 8A TX HOUSTON USERRECORD01 APP
*Percent Service lost without proposal: 0.0 to BLEDT 20030430ABV
*Percent Service lost with proposal: 0.0 to BLEDT 20030430ABV
Result key: 22
Scenario 2 Affected station 7
Before Analysis
Results for: 8A TX SAN ANTONIO BLEDT 20030430ABV LIC HAAT 259.0 m, ATV ERP 8.3 kW
     POPULATION AREA (sq km) within Noise Limited Contour 1813203 23174.3 not affected by terrain losses 1794748 22175.1
     lost to NTSC IX 11828
lost to additional IX by ATV 23447
                                                                                         1107.2
                                                                                           2542.1
     lost to ATV IX only
                                                                    34155
                                                                                            3545.3
     lost to all IX
                                                                     35275
                                                                                           3649.2
 Potential Interfering Stations Included in above Scenario

        7N TX AUSTIN
        BMLCT
        20041029AGM
        LIC

        8N TX DALLAS
        BLCT
        19900615KG
        LIC

        8N TX LAREDO
        BMLCT
        19920806KE
        LIC

        8N TX SAN ANGELO
        BLCT
        19811028KG
        LIC

        8A TX CORPUS CHRISTI
        BPCDT
        20040107AMR
        CP

After Analysis
Results for: 8A TX SAN ANTONIO BLEDT 20030430ABV LIC
     HAAT 259.0 m, ATV ERP 8.3 kW
                                                      POPULATION AREA (sq km)
     within Noise Limited Contour 1813203 23174.3
     not affected by terrain losses 1794748 lost to NTSC IX 11828 lost to additional IX by ATV 23447 lost to ATV IX only 34155
                                                                                        22175.1
                                                                                         1107.2
                                                                                           2546.1
     lost to ATV IX only
                                                                                            3553.3
     lost to all IX
                                                                      35275
                                                                                           3653.2
  Potential Interfering Stations Included in above Scenario 2
  7N TX AUSTIN
                                                  BMLCT
                                                                    20041029AGM LIC
 8N TX DALLAS
8N TX LAREDO
                                                                    19900615KG LIC
                                                 BLCT
 8N TX LAREDO BMLCT 19920806KE LIC
8N TX SAN ANGELO BLCT 19811028KG LIC
8A TX CORPUS CHRISTI BPCDT 20040107AMR CP
8A TX HOUSTON USERRECORD01 APP
*Percent Service lost without proposal: 0.0 to BLEDT 20030430ABV
*Percent Service lost with proposal: 0.0 to BLEDT 20030430ABV
```

Result key: 23 Scenario 3 Affected station 7

Before Analysis

Results for: 8A TX SAN ANTO HAAT 259.0 m, ATV ERP		BLEDT	20	0030430ABV	LIC
within Noise Limited Connot affected by terrain	POPI	ULATION A 813203	AREA 231'	(sq km) 74.3	
not affected by terrain	losses 1	794748	221	75.1	
lost to NTSC IX		11828	110	07.2	
lost to additional IX by	ATV	23476	262	22.0	
lost to ATV IX only		34184	362	25.2	
lost to all IX		35304	372	29.2	
Potential Interfering Stat	ions Includ	ded in abov	ve Sc	enario	3
7n TX AUSTIN	BMLCT	20041029A	GM L	IC	
8N TX DALLAS	BLCT	19900615K0	G L	IC	
8N TX LAREDO	BMLCT	19920806KI	E L	IC	
8N TX SAN ANGELO	BLCT			IC	
8A TX CORPUS CHRISTI	BPRM	19990218A	AB L	IC	
After Analysis					
Results for: 8A TX SAN ANTO HAAT 259.0 m, ATV ERP	8.3 kW				LIC
	POP	JLATION A	AREA	(sq km)	
within Noise Limited Conf					
not affected by terrain					
lost to NTSC IX		11828			
lost to additional IX by	ATV	23476	262	26.0	
lost to ATV IX only		34184	363	33.2	
lost to all IX		35304	373	33.2	
Potential Interfering Stations Included in above Scenario 3					
7n TX AUSTIN	BMLCT	20041029A	GM T.	TC:	
8N TX DALLAS					
8N TX LAREDO					
8N TX SAN ANGELO					
8A TX CORPUS CHRISTI					
8A TX HOUSTON	USERRECORI	001	Al	PP	
8A TX HOUSTON *Percent Service lost with	out proposa	al: 0	.0 to	o BLEDT	20030430ABV
*Percent Service lost with				o BLEDT	20030430ABV
Result key: 24					
Scenario 4 Affected	station	7			
Before Analysis					
Results for: 8A TX SAN ANTO HAAT 259.0 m, ATV ERP	ONIO 8.3 kW	BLEDT		0030430ABV	LIC
			AREA	(sq km)	
within Noise Limited Con		313203		74.3	
not affected by terrain	losses 1	794748		75.1	
lost to NTSC IX		11828		07.2	
lost to additional IX by	ATV	23447		42.1	
lost to ATV IX only		34155		45.3	
lost to all IX		35275	364	49.2	

Potential Interfering Stat	ions Inclu	ded in ab	ove	Scenario	4
7n TX AUSTIN	BMLCT	20041029	AGM	LIC	
8N TX DALLAS	BLCT		_	LIC	
8N TX LAREDO	BMLCT				
ON IX SAN ANGELO	BLCT	19011020		TIC	
8A TX CORPUS CHRISTI	BPCDI	20040107	AMR	CP	
After Analysis					
Results for: 8A TX SAN ANT HAAT 259.0 m, ATV ERP		BLEDT		20030430ABV	LIC
	POP	ULATION	ARE.	A (sq km)	
within Noise Limited Con	tour 1	813203	2	3174.3	
not affected by terrain				2175.1	
lost to NTSC IX		11828		1107 2	
lost to additional IX by	ATV	23447		2546.1	
lost to ATV IX only		34155		3553.3	
lost to all IX		35275		3653.2	
Potential Interfering Stat	ions Inclu	ded in ab	ove	Scenario	4
7N TX AUSTIN	BMLCT	20041029	AGM	LIC	
8N TX DALLAS	BLCT	19900615			
8N TX LAREDO	PMT.CT	19920806			
8N TX SAN ANGELO	BLCT	19811028	KG	LIC	
8A TX CORPUS CHRISTI	BPCDT	20040107			
8A TX HOUSTON	USERRECOR			APP	
*Percent Service lost with				to BLEDT	20030430ABV
*Percent Service lost with					
	Feeboune				
Result kev: 25					
Result key: 25 Scenario 5 Affected	station	7			
Before Analysis					
Results for: 8A TX SAN ANT	ONTO	חוד ביטים	1	20020420757	I TC
HAAT 259.0 m, ATV ERP	-	БПЕДІ	•	20030430ABV	птс
IIAAI 259.0 III, AIV EKE		ULATION	λDΓ	7 (gg km)	
within Noise Limited Con		.813203	_	3174.3	
not affected by terrain		794748		2175.1	
lost to NTSC IX	TOSSES I	11828		1107.2	
lost to NISC IX	. 7 777 7				
	AIV	23476		2622.0	
lost to ATV IX only lost to all IX		34184		3625.2	
TOST TO ATT IX		35304		3729.2	
Potential Interfering Stations Included in above Scenario 5					
7N TX AUSTIN	BMLCT	20041029	A CM	LIC	
8N TX DALLAS	BLCT	19900615		LIC	
8N TX LAREDO	BMLCT	19920806		LIC	
8N TX SAN ANGELO	BLCT	19811028		LIC	
8A TX CORPUS CHRISTI	BPRM	20000328			
on in control ciminati	DI 101·1	2000000	17777	7.3F T	
After Analysis					

Results for: 8A TX SAN ANTONIO BLEDT 20030430ABV LIC HAAT 259.0 m, ATV ERP 8.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1813203	23174.3
not affected by terrain losses	1794748	22175.1
lost to NTSC IX	11828	1107.2
lost to additional IX by ATV	23476	2626.0
lost to ATV IX only	34184	3633.2
lost to all IX	35304	3733.2

Potential Interfering Stations Included in above Scenario 5

7N TX	AUSTIN	BMLCT	20041029AGM	LIC
8N TX	DALLAS	BLCT	19900615KG	LIC
8N TX	LAREDO	BMLCT	19920806KE	LIC
8N TX	SAN ANGELO	BLCT	19811028KG	LIC
8A TX	CORPUS CHRISTI	BPRM	20000328AAX	APP
8A TX	HOUSTON	USERRECORI	001	APP

*Percent Service lost without proposal: 0.0 to BLEDT 20030430ABV 0.0 to BLEDT *Percent Service lost with proposal: 20030430ABV

Analysis of Interference to Affected Station 8

Analysis of current record

Channel Call City/State Application Ref. No. 08 KLRN SAN ANTONIO TX BPRM -200004 BPRM -20000414AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
07	KTBC	AUSTIN TX	121.9	LIC	BMLCT	-20041029AGM
8 0	KIII	CORPUS CHRISTI TX	199.6	LIC	BPRM	-19990218AAB
8 0	KIII	CORPUS CHRISTI TX	199.6	CP	BPCDT	-20040107AMR
8 0	KIII	CORPUS CHRISTI TX	199.6	APP	BPRM	-20000328AAX
8 0	WFAA-TV	DALLAS TX	385.1	LIC	BLCT	-19900615KG
8 0	KGNS-TV	LAREDO TX	224.0	LIC	BMLCT	-19920806KE
8 0	KLST	SAN ANGELO TX	278.8	LIC	BLCT	-19811028KG
09	KLRN	SAN ANTONIO TX	0.0	LIC	BLET	-19840417KE
08	KUHT-DT	HOUSTON TX	278.3	APP	USERRECOR:	D-01

Total scenarios = 5

Result key: 26
Scenario 1 Affected station 8

Before Analysis

Results for: 8A TX SAN ANTONIO BPRM 20000414AAD LIC

HAAT 263.0 m, ATV ERP 8.3 kW

POPULATION AREA (sq km)

within Noise Limited Contour 1812763 23346.7 not affected by terrain losses 1793084 22307.6 23346.7

```
lost to NTSC IX
                                              1190.9
                                    16769
   lost to additional IX by ATV
                                  33380
                                                2645.6
                                                3708.6
   lost to ATV IX only
                                    48615
   lost to all IX
                                     50149
                                                3836.5
 Potential Interfering Stations Included in above Scenario 1
 7N TX AUSTIN
                          BMLCT
                                     20041029AGM LIC
                                     19900615KG LIC
 8N TX DALLAS
                         BLCT
8N TX LAREDO BMLCT 19900015KG LIC
8N TX SAN ANGELO BLCT 19811028KG LIC
8A TX CORPUS CHRISTI BPRM 19990218AAB LIC
After Analysis
Results for: 8A TX SAN ANTONIO
                                   BPRM 20000414AAD LIC
  HAAT 263.0 m, ATV ERP 8.3 kW
                                POPULATION AREA (sq km)
  within Noise Limited Contour 1812763 23346.7
                                              22307.6
  not affected by terrain losses 1793084
  lost to NTSC IX
                                   16769
                                               1190.9
  lost to additional IX by ATV
                                    33380
                                                2645.6
   lost to ATV IX only
                                    48643
                                                3712.6
  lost to all IX
                                     50149
                                                3836.5
Potential Interfering Stations Included in above Scenario
                          BMLCT 20041029AGM LIC
 7N TX AUSTIN
                         BLCT
BMLCT
 8N TX DALLAS
                                   19900615KG LIC
                         BMLCT 19920806KE LIC
BLCT 19811028KG LIC
BPRM 19990218AAB LIC
 8N TX LAREDO
8N TX SAN ANGELO
 8A TX CORPUS CHRISTI
8A TX HOUSTON USERRECORD01 APP
*Percent Service lost without proposal: 0.0 to BPRM
*Percent Service lost with proposal: 0.0 to BPRM
                                                             20000414AAD
                                                             20000414AAD
Result key: 27
Scenario 2 Affected station 8
Before Analysis
Results for: 8A TX SAN ANTONIO
                                    BPRM 20000414AAD LIC
  HAAT 263.0 m, ATV ERP 8.3 kW
  22307.6
  not affected by terrain losses 1793084
  lost to NTSC IX
                                               1190.9
                                   16769
  lost to additional IX by ATV
                                   32558
                                                2561.7
   lost to ATV IX only
                                    47758
                                                3620.7
  lost to all IX
                                                3752.6
                                    49327
Potential Interfering Stations Included in above Scenario
 7N TX AUSTIN
                          BMLCT
                                     20041029AGM LIC
 8N TX DALLAS
                         BLCT
                                    19900615KG LIC
                       BMLCT 19920806KE LIC
BLCT 19811028KG LIC
 8N TX LAREDO
 8N TX SAN ANGELO
```

8A TX CORPUS CHRISTI BPCDT 20040107AMR CP

After Analysis

BPRM 20000414AAD LIC Results for: 8A TX SAN ANTONIO HAAT 263.0 m, ATV ERP 8.3 kW POPULATION AREA (sq km) 23346.7 within Noise Limited Contour 1812763 not affected by terrain losses 1793084 22307.6 1190.9 lost to NTSC IX 16769 32558 lost to additional IX by ATV 2561.7 lost to ATV IX only 47786 3624.7 lost to all IX 49327 3752.6 Potential Interfering Stations Included in above Scenario 2 BMLCT 7N TX AUSTIN 20041029AGM LIC 8N TX DALLAS BLCT 19900615KG LIC BMLCT 8N TX LAREDO 19920806KE LIC 8N TX SAN ANGELO BLCT 19811028KG LIC 8A TX CORPUS CHRISTI BPCDT 20040107AMR CP 8A TX HOUSTON USERRECORD01 APP *Percent Service lost without proposal: 0.0 to BPRM 20000414AAD *Percent Service lost with proposal: 0.0 to BPRM 20000414AAD 20000414AAD Result key: Scenario 3 Affected station 8 Before Analysis Results for: 8A TX SAN ANTONIO BPRM 20000414AAD LIC HAAT 263.0 m, ATV ERP 8.3 kW POPULATION AREA (sq km) within Noise Limited Contour 1812763 23346.7 not affected by terrain losses 1793084 22307.6 lost to NTSC IX 16769 1190.9 lost to additional IX by ATV 2645.6 33380 lost to ATV IX only 48615 3708.6 lost to all IX 50149 3836.5 Potential Interfering Stations Included in above Scenario
 BMLCT
 20041029AGM
 LIC

 BLCT
 19900615KG
 LIC

 BMLCT
 19920806KE
 LIC

 BLCT
 19811028KG
 LIC
 7N TX AUSTIN 8N TX DALLAS 8N TX LAREDO 8N TX SAN ANGELO 8A TX CORPUS CHRISTI BPRM 19990218AAB LIC After Analysis Results for: 8A TX SAN ANTONIO BPRM 20000414AAD LIC HAAT 263.0 m, ATV ERP 8.3 kW POPULATION AREA (sq km) within Noise Limited Contour 1812763 23346.7 not affected by terrain losses 1793084 22307.6 lost to NTSC IX 16769 1190.9 lost to additional IX by ATV 33380 2645.6

lost to ATV IX only		48643	3712.6	
lost to all IX		50149	3836.5	
Determinal Technology Object		a.a :h		2
Potential Interfering Stat	ions inclu	ded in abov	e Scenario	3
7n TX AUSTIN	BMLCT	20041029AG	M LIC	
8N TX DALLAS	BLCT	19900615KG		
8N TX LAREDO	BMLCT	19920806KE	LIC	
8N TX SAN ANGELO	BLCT	19811028KG		
8A TX CORPUS CHRISTI	BPRM	19990218AA	B LIC	
8A TX HOUSTON	USERRECOR		APP	
*Percent Service lost with				
*Percent Service lost with	proposal:	0.	0 to BPRM	20000414AAD
Result key: 29 Scenario 4 Affected		0		
	station	8		
Before Analysis				
Results for: 8A TX SAN ANT	ONIO	BPRM	20000414AAD	LIC
HAAT 263.0 m, ATV ERP	8.3 kW			
			REA (sq km)	
within Noise Limited Con		812763	23346.7	
not affected by terrain	losses l'		22307.6	
lost to NTSC IX	7 m 7	16769	1190.9	
lost to additional IX by		32558 47758	2561.7 3620.7	
lost to ATV IX only lost to all IX		49327	3752.6	
TOBE CO ATT IN		19327	3732.0	
Potential Interfering Stat	ions Inclu	ded in abov	e Scenario	4
7N TX AUSTIN	BMLCT	20041029AG		
8N TX DALLAS	BLCT	19900615KG		
8N TX LAREDO 8N TX SAN ANGELO	BMLCT	19920806KE 19811028KG		
8A TX CORPUS CHRISTI	BLCT BPCDT	20040107AM		
OA IN CORPUS CIRCISII	BFCDI	2004010/An	IK CF	
After Analysis				
Results for: 8A TX SAN ANT	ONTO	DDDM	20000414AAD	T TC
HAAT 263.0 m, ATV ERP		BPRM	20000414AAD	ПТС
11111 203.0 m, 111 Hit		ULATION A	REA (sq km)	
within Noise Limited Con	_	812763	23346.7	
not affected by terrain	losses 1	793084	22307.6	
lost to NTSC IX		16769	1190.9	
lost to additional IX by	ATV	32558	2561.7	
lost to ATV IX only		47786	3624.7	
lost to all IX		49327	3752.6	
Potential Interfering Stat	ions Inclu	ded in abov	e Scenario	4
7n TX AUSTIN	BMLCT	20041029AG	LM T.T.C	
7N IX AUSIIN 8N TX DALLAS	BLCT	19900615KG		
8N TX LAREDO	BMLCT	19920806KE		
8N TX SAN ANGELO	BLCT	19811028KG		
8A TX CORPUS CHRISTI	BPCDT	20040107AM		
8A TX HOUSTON	USERRECOR		APP	

*Percent Service lost without proposal: 0.0 to BPRM 20000414AAD *Percent Service lost with proposal: 0.0 to BPRM 20000414AAD Result key: 30
Scenario 5 Affected station 8 Before Analysis Results for: 8A TX SAN ANTONIO BPRM 20000414AAD LIC HAAT 263.0 m, ATV ERP 8.3 kW POPULATION AREA (sq km) within Noise Limited Contour 1812763 23346.7 not affected by terrain losses 1793084 22307.6 lost to NTSC IX 16769 1190.9 lost to additional IX by ATV 33380 2645.6 lost to ATV IX only 48615 3708.6 48615 3708.6 50149 3836.5 lost to all IX Potential Interfering Stations Included in above Scenario 5 7N TX AUSTIN BMLCT 20041029AGM LIC 8N TX DALLAS BLCT 19900615KG LIC 8N TX LAREDO BMLCT 19920806KE LIC 8N TX SAN ANGELO BLCT 19811028KG LIC 8A TX CORPUS CHRISTI BPRM 20000328AAX APP After Analysis Results for: 8A TX SAN ANTONIO BPRM 20000414AAD LIC HAAT 263.0 m, ATV ERP 8.3 kW within Noise Limited Contour 1812763 23346.7 not affected by terrain losses 1793084 22307.6 lost to NTSC IX 16769 lost to additional IX by ATV 33380 lost to ATV IX only 48643 1190.9 2645.6 3712.6 50149 3836.5 lost to all IX Potential Interfering Stations Included in above Scenario 7N TX AUSTIN BMLCT 20041029AGM LIC
8N TX DALLAS BLCT 19900615KG LIC
8N TX LAREDO BMLCT 19920806KE LIC
8N TX SAN ANGELO BLCT 19811028KG LIC
8A TX CORPUS CHRISTI BPRM 20000328AAX APP
8A TX HOUSTON INSERBECORDO1 USERRECORD01 APP 8A TX HOUSTON *Percent Service lost without proposal: 0.0 to BPRM 20000414AAD *Percent Service lost with proposal: 0.0 to BPRM 20000414AAD

Analysis of Interference to Affected Station 9

NTSC Baseline Analysis

Call City/St KTRE LUFKIN TX City/State Application Ref. No. Channel 09 DTVPLN -NPLN0627

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat	cion Ref. No.
80	KPLC-DT	LAKE CHARLES LA	205.8	PLN	DTVPLN	-DTVP0042
09	KETG	ARKADELPHIA AR	318.5	PLN	DTVPLN	-NPLN0578
09	WAFB	BATON ROUGE LA	361.6	PLN	DTVPLN	-NPLN0598
09	WFAA-DT	DALLAS TX	242.7	PLN	DTVPLN	-DTVP0061
0.9	KLRN	SAN ANTONIO TX	412.8	PLN	DTVPLN	-NPLN0629

Results for: 9N TX LUFKIN DTVPLN NPLN0627 PLN POPULATION AREA (sq km) within Noise Limited Contour 253404 18281.3 not affected by terrain losses 238017 16669.5 10926 10703 lost to NTSC IX 647.2

lost to additional IX by ATV 687.4 lost to all IX 21629 1334.5

Analysis of current record

Channel Call City/State Application Ref. No. 09 BSTA -20060315ABZ KTRE LUFKIN TX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
08	KPLC-DT	LAKE CHARLES LA	205.8	PLN	DTVPLN	-DTVP0042
08	KPLC	LAKE CHARLES LA	205.9	LIC	BLCDT	-20050214AFM
09	KETG	ARKADELPHIA AR	318.5	LIC	BLET	-20060627ACJ
09	WAFB	BATON ROUGE LA	361.6	LIC	BLCT	-1498
09	WFAA-TV	DALLAS TX	242.7	LIC	BLCDT	-19981103KG
09	WFAA-DT	DALLAS TX	242.7	PLN	DTVPLN	-DTVP0061
09	KLRN	SAN ANTONIO TX	412.5	LIC	BLET	-19840417KE
09	KCEN-TV	TEMPLE TX	230.3	LIC	BLCDT	-20021010AAB
09	KCEN-TV	TEMPLE TX	230.3	LIC	BPRM	-20000229ABS
10	KLTV	TYLER TX	130.7	LIC	BLCDT	-20051104ADR
10	KLTV-TV	TYLER TX	130.7	APP	BPRM	-20000731AAE
08	KUHT-DT	HOUSTON TX	215.5	APP	USERRECOR	D-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 10

Analysis of current record

Channel Call City/State Application Ref. No. LUFKIN TX 09 KTRE BLCT -20051228ADL

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No. 08 KPLC-DT LAKE CHARLES LA 205.8 PLN DTVPLN -DTVP0042

08	KPLC	LAKE CHARLES LA	205.9	LIC	BLCDT	-20050214AFM
09	KETG	ARKADELPHIA AR	318.5	LIC	BLET	-20060627ACJ
09	WAFB	BATON ROUGE LA	361.6	LIC	BLCT	-1498
09	WFAA-TV	DALLAS TX	242.7	LIC	BLCDT	-19981103KG
09	WFAA-DT	DALLAS TX	242.7	PLN	DTVPLN	-DTVP0061
09	KLRN	SAN ANTONIO TX	412.5	LIC	BLET	-19840417KE
09	KCEN-TV	TEMPLE TX	230.3	LIC	BLCDT	-20021010AAB
09	KCEN-TV	TEMPLE TX	230.3	LIC	BPRM	-20000229ABS
10	KLTV	TYLER TX	130.7	LIC	BLCDT	-20051104ADR
10	KLTV-TV	TYLER TX	130.7	APP	BPRM	-20000731AAE
80	KUHT-DT	HOUSTON TX	215.5	APP	USERRECOR	D-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 11

Analysis of current record

Channel Call City/State Application Ref. No. 08 KUHT-DT HOUSTON TX USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
80	KPLC-DT	LAKE CHARLES LA	256.6	PLN	DTVPLN	-DTVP0042
80	KPLC	LAKE CHARLES LA	256.8	LIC	BLCDT	-20050214AFM
80	KIII	CORPUS CHRISTI TX	296.0	LIC	BPRM	-19990218AAB
80	KIII	CORPUS CHRISTI TX	296.0	CP	BPCDT	-20040107AMR
80	KIII	CORPUS CHRISTI TX	296.0	APP	BPRM	-20000328AAX
80	WFAA-TV	DALLAS TX	363.2	LIC	BLCT	-19900615KG
80	KLRN	SAN ANTONIO TX	278.3	LIC	BLEDT	-20030430ABV
80	KLRN	SAN ANTONIO TX	278.3	LIC	BPRM	-20000414AAD
09	KTRE	LUFKIN TX	215.5	APP	BSTA	-20060315ABZ
09	KTRE	LUFKIN TX	215.5	LIC	BLCT	-20051228ADL

Total scenarios = 12

Result key: 31

Scenario 1 Affected station 11

Before Analysis

Results for: 8A TX HOUSTON USERRECORD01 APP

HAAT 565.0 m, ATV ERP 20.0 kW

AREA (sq km) POPULATION within Noise Limited Contour 38487.1 4831615 not affected by terrain losses 38319.7 4830499 lost to NTSC IX 3494 139.5 lost to additional IX by ATV 2708 251.2 lost to ATV IX only 3125 287.1 lost to all IX 390.7

Potential Interfering Stations Included in above Scenario 1

8N TX DALLAS 8A LA LAKE CHARLES 8A TX CORPUS CHRISTI 8A TX SAN ANTONIO	DTVPLN BPRM	19990218AAB	PLN LIC	
Result key: 32 Scenario 2 Affected Before Analysis	station	11		
Results for: 8A TX HOUSTON HAAT 565.0 m, ATV ERP			D01	APP
within Noise Limited Conf not affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	PC tour losses ATV	DPULATION ARE 4831615 3 4830499 3	8487.1 8319.7 139.5 251.2 287.1	
Potential Interfering Stat:	ions Incl	uded in above	Scenario	2
8N TX DALLAS 8A LA LAKE CHARLES 8A TX CORPUS CHRISTI 8A TX SAN ANTONIO	DTVPLN	19900615KG DTVP0042 19990218AAB 20000414AAD	PLN	
Result key: 33 Scenario 3 Affected Before Analysis	station	11		
Results for: 8A TX HOUSTON HAAT 565.0 m, ATV ERP			D01	APP
	PC	PULATION ARE	A (sq km)	
within Noise Limited Cont not affected by terrain I lost to NTSC IX	tour	4831615 3	8487.1	
not affected by terrain	losses	4830499 3	8319.7	
lost to NTSC IX	3 007 7	3494	139.5	
lost to additional IX by lost to ATV IX only	ATV	3119	231.2 267 1	
lost to all IX		6196		
Potential Interfering Stat:	ions Incl	uded in above	Scenario	3
8N TX DALLAS	BLCT		LIC	
8A LA LAKE CHARLES	DTVPLN	DTVP0042		
8A TX CORPUS CHRISTI	BPCDT	20040107AMR	CP	
8A TX SAN ANTONIO	BLEDT	20030430ABV	LIC	
Result key: 34 Scenario 4 Affected Before Analysis	station	11		
Results for: 8A TX HOUSTON HAAT 565.0 m, ATV ERP		USERRECOR	D01	APP
· , · · · ·		PULATION ARE	A (sq km)	
within Noise Limited Cont not affected by terrain	tour	4831615 3	8487.1	

lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX			231.2 267.1	
Potential Interfering Stat	ions Inclu	ded in abov	e Scenario	4
8N TX DALLAS 8A LA LAKE CHARLES 8A TX CORPUS CHRISTI 8A TX SAN ANTONIO	BPCDT	20040107AM	PLN R CP	
Result key: 35 Scenario 5 Affected Before Analysis	station	11		
Results for: 8A TX HOUSTON HAAT 565.0 m, ATV ERP			ORD01	APP
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	POF tour 4 losses 4	PULATION A 1831615	38487.1 38319.7 139.5 358.8 406.7	
Potential Interfering Stat	ions Inclu	ded in abov	e Scenario	5
8N TX DALLAS 8A LA LAKE CHARLES 8A TX CORPUS CHRISTI 8A TX SAN ANTONIO Result key: 36 Scenario 6 Affected Before Analysis	BLCDT BPRM BLEDT	19990218AA 20030430AB	M LIC B LIC	
Results for: 8A TX HOUSTON		USERREC(ORD01	APP
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour 4		REA (sq km) 38487.1 38319.7 139.5 358.8 406.7 498.4	
Potential Interfering Stat	ions Inclu	ded in abov	e Scenario	6
8N TX DALLAS 8A LA LAKE CHARLES 8A TX CORPUS CHRISTI 8A TX SAN ANTONIO	BPRM	19900615KG 20050214AFI 19990218AA 20000414AA	M LIC B LIC	
Result key: 37 Scenario 7 Affected Before Analysis	station	11		

Results for: 8A TX HOUSTON HAAT 565.0 m, ATV ERP			ECORD01	APP
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	PO tour losses	DPULATION 4831615 4830499 3494 3686 4103	AREA (sq km) 38487.1 38319.7 139.5 338.9 386.7 478.4	
Potential Interfering Stat	ions Incl	luded in abo	ove Scenario	7
8A TX CORPUS CHRISTI	BLCT BLCDT BPCDT BLEDT	19900615F 20050214F 20040107F 20030430F	AFM LIC AMR CP	
Result key: 38 Scenario 8 Affected Before Analysis	station	11		
Results for: 8A TX HOUSTON HAAT 565.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	20.0 kW P(tour losses	DPULATION 4831615 4830499 3494 3686 4103	139.5 338.9	APP
Potential Interfering Stat	ions Incl	luded in abo	ove Scenario	8
8N TX DALLAS 8A LA LAKE CHARLES 8A TX CORPUS CHRISTI 8A TX SAN ANTONIO		20050214 <i>i</i> 20040107 <i>i</i>	AFM LIC AMR CP	
Result key: 39 Scenario 9 Affected Before Analysis	station	11		
Results for: 8A TX HOUSTON HAAT 565.0 m, ATV ERP		USERRI	ECORD01	APP
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	P(tour losses	DPULATION 4831615 4830499 3494 2708 3125 6202	AREA (sq km) 38487.1 38319.7 139.5 251.2 287.1 390.7	
Potential Interfering Stat	ions Incl	luded in abo	ove Scenario	9
8N TX DALLAS 8A LA LAKE CHARLES	BLCT DTVPLN			

8A TX CORPUS CHRISTI BPRM 20000328AAX APP 8A TX SAN ANTONIO BLEDT 20030430ABV LIC

Result key: 40
Scenario 10 Affected station 11

Before Analysis

Results for: 8A TX HOUSTON USERRECORD01 APP

HAAT 565.0 m, ATV ERP 20.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 4831615 38487.1 not affected by terrain losses 4830499 38319.7 lost to NTSC IX 3494 139.5 lost to additional IX by ATV 2708 251.2 lost to ATV IX only 3125 287.1 lost to ATV IX only 6202 390.7 lost to all IX

Potential Interfering Stations Included in above Scenario 10

8N TX DALLAS BLCT 19900015RC 210 8A LA LAKE CHARLES DTVPLN DTVP0042 PLN 8A TX CORPUS CHRISTI BPRM 20000328AAX APP 8A TX SAN ANTONIO BPRM 20000414AAD LIC

Result key: 41 Scenario 11 Affected station 11

Before Analysis

HAAT 565.0 m, ATV ERP 20.0 kW Results for: 8A TX HOUSTON

within Noise Limited Contour 4831615 38487.1 not affected by terrain losses 4830499 38319.7 lost to NTSC IX 3494
lost to additional IX by ATV 3692
lost to ATV IX only 4109 358.8 406.7 7186 lost to all IX 498.4

Potential Interfering Stations Included in above Scenario 11

8N TX DALLAS BLCT 19900615KG LIC 8A LA LAKE CHARLES BLCDT 20050214AFM LIC 8A TX CORPUS CHRISTI BPRM 20000328AAX APP 8A TX SAN ANTONIO BLEDT 20030430ABV LIC

42

Result key: 42 Scenario 12 Affected station 11

Before Analysis

Results for: 8A TX HOUSTON USERRECORD01 APP

HAAT 565.0 m, ATV ERP 20.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 4831615 38487.1 not affected by terrain losses 4830499 38319.7 lost to NTSC IX 3494 139.5 lost to additional IX by ATV 3692 358.8 lost to ATV IX only 406.7 4109 406.7 lost to ATV IX only

lost to all IX 7186 498.4

Potential Interfering Stations Included in above Scenario 12

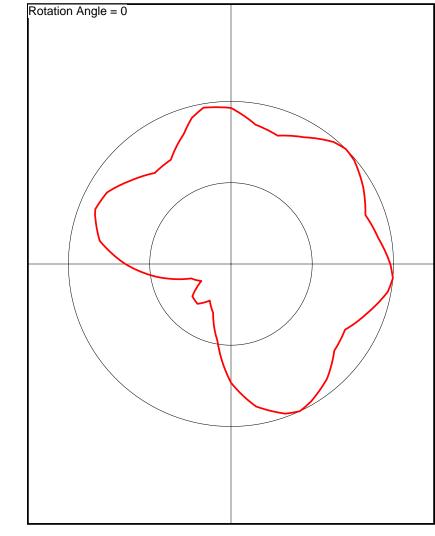
8И	TX	DALLAS	BLCT	19900615KG	LIC
8A	LA	LAKE CHARLES	BLCDT	20050214AFM	LIC
8A	TX	CORPUS CHRISTI	BPRM	20000328AAX	APP
8A	TX	SAN ANTONIO	BPRM	20000414AAD	LIC

FINISHED FINISHED FINISHED FINISHED FINISHED

KUHT-TV Channel 8 NTSC Antenna Azimuth Pattern

Pre-Rotation Antenna Pattern....

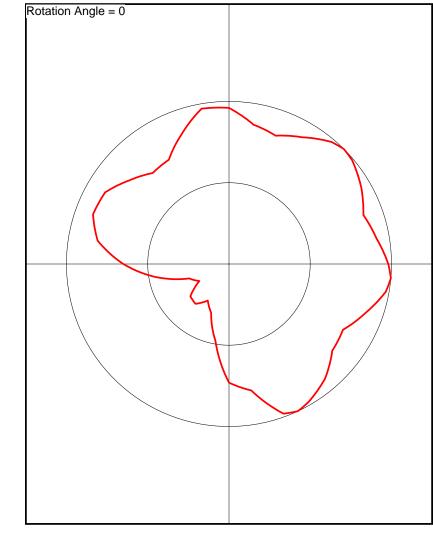
A : (1 / 1)	E# #: E: 11
Azimuth (deg)	Effective Field
0.0	0.960
10.0	0.870
20.0	0.840
30.0	0.900
40.0	0.980
45.0	1.000
50.0	0.990
60.0	0.940
70.0 80.0	0.880 0.920
90.0	0.980
95.0	1.000
100.0	0.980
110.0	0.890
120.0	0.810
130.0	0.830
140.0	0.920
150.0	0.980
155.0	1.000
160.0	0.980
170.0	0.890
180.0	0.730
190.0	0.480
200.0	0.320
210.0	0.260
220.0	0.320
230.0	0.310
240.0 250.0	0.210 0.260
260.0	0.260
270.0	0.650
280.0	0.820
290.0	0.890
292.0	0.900
300.0	0.880
310.0	0.800
320.0	0.730
330.0	0.740
340.0	0.850
345.0	0.930
350.0	0.976



KUHT-DT Channel 9 DTV Antenna Azimuth Pattern

Pre-Rotation Antenna Pattern....

Azimuth (deg)	Effective Field
0.0	0.960
10.0	0.870
20.0 30.0	0.840 0.900
40.0	0.980
45.0	1.000
50.0	0.990
60.0	0.940
70.0	0.880
80.0	0.920
90.0	0.980
95.0	1.000
100.0	0.980
110.0 120.0	0.890 0.810
130.0	0.830
140.0	0.920
150.0	0.980
155.0	1.000
160.0	0.980
170.0	0.790
180.0	0.730
190.0	0.480
200.0	0.320
210.0	0.260
220.0 230.0	0.320 0.310
240.0	0.210
250.0	0.260
260.0	0.460
270.0	0.650
280.0	0.820
290.0	0.890
300.0	0.880
310.0	0.800
320.0	0.730
330.0 340.0	0.740 0.850
350.0	0.850
300.0	0.570



KUHT Proposed DTV TOA Antenna Azimuth Pattern

Pre-Rotation Antenna Pattern....

Azimuth (deg)	Effective Field
0.0	0.905
10.0	0.847
20.0	0.835
30.0	0.882
40.0	0.976
46.0	1.000
50.0	0.988
60.0	0.906
70.0	0.847
80.0	0.835
90.0	0.894
100.0	0.929
110.0	0.917
120.0	0.894
130.0	0.858
140.0	0.788
150.0	0.706
160.0	0.604
170.0	0.526
180.0	0.483
190.0	0.441
200.0	0.409
210.0	0.388
220.0	0.378
230.0	0.368
240.0	0.378
250.0	0.388
260.0	0.419
270.0	0.471
280.0	0.536
290.0	0.613
300.0	0.704
310.0	0.797
320.0	0.832
330.0 340.0	0.868 0.904
	0.90 4 0.916
350.0	0.916

